

AMENDMENTS TO THE SPECIFICATION

Amend paragraph [0001] as follows:

[0001] This application is a divisional of ~~pending application~~ U.S. Patent Application Serial No. 09/919,427 filed July 31, 2001, now U.S. Patent No. 6,701,788.

Amend the Abstract of the Disclosure on page 16 as follows:

An inertial sensor includes a plurality of single sense elements element disposed upon a silicon wafer. ~~Each of the sense elements~~ ~~senses a different inertia range.~~ The ~~sense elements~~ ~~are~~ element is electrically connected to a ~~common~~ plurality of signal conditioning ~~circuit~~ circuits that ~~generates an~~ generate output signal for each of the ~~sense elements~~ signals in different ranges. The Each signal conditioning circuit has an output that is electrically connected to at least one control system and provides ~~output signals in different ranges to the control system~~ an associated control device.